



DECEMBER 22, 2000

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STAAS & HALSEY LLP ATTN: JAMES D. HALSEY, JR. 700 ELEVENTH STREET, N.W. SUITE 500 WASHINGTON, D.C. 20001

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ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS). BRIEF:

ASSIGNOR:

NARUSE, AKIRA

DOC DATE: 07/09/2000

ASSIGNOR:

KUMON, KOUICHI

DOC DATE: 07/09/2000

ASSIGNOR:

SATO, MITSURU

DOC DATE: 07/09/2000

ASSIGNEE:

FUJITSU LIMITED 1-1, KAMIKODANASKA 4-CHOME, NAKAHARA-KU KAWASAKI-SHI, KANAGAWA, JAPAN

211-8588

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FILING DATE: 10/12/2000 ISSUE DATE:

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**GROUP 3600** 

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JOANN STEWART, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

## U.S. ASSIGNMENT

LLN 7/34

IN CONSIDERATION of the sum of One Dollar	(\$1.00), and of other	good and valuable consideration paid to th
undersigned inventor(s) (hèreinafter, "ASSIGNOR") by	•	•
(Insert Name(s) & Address(es) of ASSIGNEE(S))		
FUJITSU LIMITED		
of 1-1. Kamikodanaka 4-chom	e. Nakahara-k	u,
Kawasaki-shi. Kanagawa 211-	8588, Japan	
		•
		-
·		
(hereinafter, "ASSIGNEE"), the receipt of which is here and transfers to ASSIGNEE the entire and exclusive right	by acknowledged, the nr. title and interest to	undersigned ASSIGNOR hereby sails, essigns the invention entitled
(Title of Invention)	•	
Cache apparatus and contro	1 method	•
· .		•
relating to International Patent Application PCT/JP $\frac{8}{}$ / $0$ States was executed on even data herewith or, if not so	5588 and/or for whexecuted, was:	ich application for Letters Patent of the United
(a) executed on	(Insert data of exacu	ion of application, if not concurrent)
(b) filed on December 10, 1998,	Any registered attorn	ey of STAAS & HALSEY, 700 Eleventh
Sarial No	Street, N.W., Washin	gton, D.C. 20001 (202/434-1500) is insert in (b) the specified data, when
nd to said application and all Letters Patent(s) of the Uniternewal, substitute, release or reexamination application latent(s) may be granted and including any extensions atent(s)").	pased thereon, for the thareof (collectively, i	full term or terms for which the said Letters hereinafter, "said application(s) and Letters
The ASSIGNOR agree(s), when requested by said ASSI do all acts which the ASSIGNEE may deem necessary of orderion for said invention, including in the preparation and tent(s), in any interference, reisaus, reexamination, or purish may arise or be declared in relation to same, such a parate assignments and declarations, taking all rightful idence.	, desirable or expadie d prosecution of said a (blic use proceeding, a cts to include but not	nt for securing, maintaining and enforcing pplication(s) and the issuance of said Latters and in any litigation or other legal proceeding the limited to executing all papers. Including
IN WITNESS WHEREOF, the undersigned inventor(s) ha	s (hava) affixed his/hi	er/their winnen reals)
(Typed Name & Signature of Inventor(s))	(Date)	(Typed Name & Signature of Witness(es))
Akira Harris Skirichmuch: 7	/9/00	Taile late
Akira Naruse		Miki Sato
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Kouichi Kumon		Miki Sato
Mitsura Sato Mitsursatz 7/	9/00	To. 16! 1 +
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SEPTEMBER 05, 2001

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STAAS & HALSEY LLP JAMES D. HALSEY, JR. 700 ELEVENTH STREET, N.W. SUITE 500 WASHINGTON, D.C. 20001

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ASSIGNOR:

SATO, MITSURU

DOC DATE: 02/20/2001

ASSIGNOR:

KUMON, KOUICHI

DOC DATE: 02/20/2001

ASSIGNEE:

FUJITSU LIMITED
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NAKAHARA-KU, KAWASAKI-SHI
KANAGAWA 211-8588, JAPAN

SERIAL NUMBER: 09786049

PATENT NUMBER:

FILING DATE: 06/18/2001

ISSUE DATE:

TONYA LEE, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

	FORM PTO-1698 U.S. DEPARTMENT OF COMMERCE
•	
	To the Honorable Commissioner of Pate 101763042 deriginal documents or copy thereof.
. 1.	Name of conveying party(ies):
	Mitsuru SATO Kouichi KUMON
2.	<b>ા</b> .
	FUJITSU LIMITED 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 JAPAN
3.	Nature of conveyance:  X Assignment
4.	Application number(s) or patent number(s):  This document is being filed together with a new application:  (a) The execution date(s) of the application is/are:  (b) The title is:  **** OR ****
<u>.</u> 5.	<ul> <li>☐ This document is being filed after filing of the application:</li> <li>(a) Patent Application No(s). 09/786,049, filed March 1, 2001; or</li> <li>(b) Patent No(s)., issued.</li> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ul>
•	STAAS & HALSEY LLP Our Docket: 1086.1141 Attention: James D. Halsey, Jr. 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001
6.	Total number of applications and patents involved:1
7.	· Total fee (37 CFR 3.41) (\$ 40.00 per Assignment) ☑ Enclosed ☑ Authorized to be charged to deposit account.
/2001 Atrani :581	Occount No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) 40.00 (P) (Attach duplicate copy of this page if paying by deposit account)
9.	Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
<u>J:</u>	ames D. Halsey, Jr., Reg. No. 22,729
	Name of Person Signing Signature Date
	Total number of pages Including cover sheet June 13, 2001

## U.S. ASSIGNMENT

ELH 7/14

IN CONSIDERATION of the sum of One Doundarsigned Inventor(s) (hereinafter, "ASSIGNOF	oller (\$1.00), and of ot	har good and valuable consideration paid to the	
(insert Nameis) & Address(es) of ASSIGNEE(S))		•	
FUJITSU LIMITED		•	
of 1-1, Kamikodanaka 4-c	home, Nakahara	-ku,	
Kawasaki-shi, Kanagawa 2	11-8588. Japan		
Mawasaki Sili, Manasawa -			
		•	
and transfers to ASSIGNEE the entire and exclusi	s hereby acknowledged, or right, title and interes	the undersigned ASSIGNOR hereby sells, essigns t to the invention entitled	
(Title of Invention)			
Cache device and contr	ol method		
		•	
relating to International Patent Application PCT/JPS	8 / 05759 and/or for not so executed, was:	r which application for Letters Patent of the United	
(a) executed on		ecution of application, if not concurrent)	
(b) filed on December 18, 1998 Serial No;	Any registered at Street, N.W., We hereby authorized known.	Any registered attorney of STAAS & HALSEY, 700 Eleventh Street, N.W., Washington, D.C. 20001 [202/434-1500] is hereby authorized to insert in (b) the specified date, when known.	
and to said application and all Letters Patent(s) of the renewal, substitute, reissue or reexamination applic Patent(s) may be granted and including any extent Patent(s)*).	ation based thereon, for	the full term or terms for which the said Letters	
The ASSIGNOR agree(s), when requested by sal to do all acts which the ASSIGNEE may deam net protection for sald invention, including in the property Patent(s), in any interference, reissue, reexamination which may arise or be declared in relation to same, separate assignments and declarations, taking all evidence.	cessary, desirable or exp pion and prosecution of s n, or public use proceedi auch acts to include but	ald application(s) and the issuance of said Letters ng, and in any litigation or other legal proceeding not be limited to executing all papers, including	
IN WITNESS WHEREOF, the undersigned invent	or(s) has (have) affixed I	his/her/their signature(s).	
(Typed Name & Signature of Inventor(s))	(Data)	(Typed Name & Signature of Witnessles)	
11_ Mitaur Saits	20/2/01	Sumio Nishimura	
Mitsuru Sato		Sumie Nishimura	
21 Koarich Kener	20/2/01	Bumio Nishimura	
Kouichi Kumon		Sumie Nishimura	
21		•	
3)			